

Commonwealth of Kentucky
Division for Air Quality

Application Summary Form

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General Information

Name:	AK Steel Corporation-Ashland Works-(Coke Plant)
Address:	400 East Winchester Avenue, Ashland, Kentucky
Date application received:	December 13, 1996
SIC/Source description:	3312 / Metallurgical Coke Production
AFS Plant ID:	21-019-00027
EIS #:	103-0340-0027
Finds #:	KYD
Application log number:	E956
Permit number:	V-97-040

Application Type/Permit Activity

<input type="checkbox"/> Initial issuance	<input type="checkbox"/> General permit
<input type="checkbox"/> Permit modification	<input type="checkbox"/> Conditional major
___Administrative	<input checked="" type="checkbox"/> Title V
___Minor	<input type="checkbox"/> Synthetic minor
___Significant	<input type="checkbox"/> PSD
<input type="checkbox"/> Permit renewal	<input type="checkbox"/> Construction/operating
	<input checked="" type="checkbox"/> Operating

Compliance Summary

<input checked="" type="checkbox"/> Source is out of compliance	<input checked="" type="checkbox"/> Compliance schedule included
<input checked="" type="checkbox"/> Compliance certification signed	

Applicable Requirements list

<input type="checkbox"/> NSR	<input checked="" type="checkbox"/> NSPS	<input checked="" type="checkbox"/> SIP
<input type="checkbox"/> PSD	<input checked="" type="checkbox"/> NESHAPS/MACT	<input checked="" type="checkbox"/> Other (63:020 Kentucky Air Toxics)

Miscellaneous

☐ Acid rain source
☐ Source subject to 112(r)
☐ Source applied for federally enforceable emissions cap (HAPS ONLY)
☐ Source non-CTG RACT affected facilities limited to less than 100 TPY
☐ Source provided terms for alternative operating scenarios
☒ Source subject to a MACT standard
☐ Source requested case-by-case 112(g) or (j) determination
☐ Application proposes new control technology
☒ Certified by responsible official
☒ Diagrams or drawings included
☐ Confidential business information (CBI) submitted in application

Emissions Summary

Pollutant	Actual (tpy)	Potential (tpy)
PM	690	690
SO ₂	524	524
NO _x	2664	2664
CO	1144	1144
VOC	681	681
PM ₁₀	385	385
HAPs:		
AMMONIA (KY Air Toxic)	9.02	9.02
BENZENE CAS # 71432	3.27	3.27
XYLENE CAS # 1330207	0.74	0.74
TOLUENE CAS # 108883	0.59	0.59
NAPHTHALENE CAS # 91203	0.46	0.46
PHENOL CAS # 108952	0.083	0.083